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1947 GLADIOLUS

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Department of Agriculture

CARL SALBACH

657 WOODMONT AVENUE
BERKELEY 8, CALIFORNIA

PLEASE READ CAREFULLY BEFORE ORDERING

Write your NAME and ADDRESS plainly

ORDER EARLY. Early orders are solicited to prevent disappointments in case the variety selected should be sold out.

GLADIOLUS will be ready for shipment early in December. Eastern orders, however, will be mailed between January 1st and March 15th only at purchaser's risk from freezing in transit.

DAHLIAS. Owing to the shortage of labor and the lack of storage space we have found it necessary to discontinue the growing of dahlias and, therefore, we will not be able to supply these tubers as previously.

SUBSTITUTIONS. Please write in some second choices, as good stock is scarce this year.

TERMS. Remittances should accompany all orders unless satisfactory credit references are given. Remit by Postal or Express Money Orders or by drafts on American banks, when ordering from Canada or Mexico. Twenty-five per cent deposit should accompany all C. O. D. orders, and orders that are to be held for future shipment. The latter may be paid for before shipping time or sent C. O. D. for the balance.

POSTAGE. Seed orders of any amount sent postpaid. On bulb orders or combination seed and bulb orders of less than \$1.00, add 15c for packing and postage. All retail orders amounting to \$1.00 or over will be delivered free to all points reached by regular parcel post.

SALES TAX. Add 2½ per cent to cover tax on all goods delivered in California and any other tax that may be in effect at the time. No tax on vegetable seed.

NON-WARRANTY. We give no particular warranty, express or implied, as to the productiveness of any seeds, bulbs, rhizomes or plants we sell and we will not be in any way responsible for the crop. Our liability in all instances is limited to the value of the items purchased. If the purchaser does not accept the goods on these terms no sale thereof is made and purchaser must return them at once, and money will be refunded.

REFERENCES. For our business standing, please refer to BANK OF AMERICA NATIONAL TRUST AND SAVINGS ASSOCIATION; AMERICAN TRUST COMPANY, Berkeley, California.

MEMBER OF

ALAMEDA COUNTY FLORAL
SOCIETY

ALAMEDA DAHLIA SOCIETY

AMERICAN DAHLIA SOCIETY

AMERICAN IRIS SOCIETY

BRITISH GLADIOLUS SOCIETY

BRITISH IRIS SOCIETY

CENTRAL CALIFORNIA NURSERY-
MEN'S ASSOCIATION

DAHLIA SOCIETY OF CALIFORNIA

EAST BAY GLADIOLUS SOCIETY

NEW ENGLAND GLADIOLUS
SOCIETY

FELLOW ROYAL HORTICULTURAL
SOCIETY

NORTH AMERICAN GLADIOLUS
COUNCIL

CONTENTS

	Page
Aunt Mary's Sweet Corn.....	30
Begonias.....	18
Dahlia Manual.....	3
Dahlia Seed.....	28
Flower Seed.....	20-27
Gladiolus.....	5-16
Special Collections.....	16
Standard Varieties.....	8-16
How to Control Thrips.....	18
How to Grow Gladiolus.....	17
How to Grow Seeds.....	19
How to Reach Our Gardens.....	32
Vegetable Seed.....	29-31
What Our Customers Write Us.....	4

DAHLIA SEED

We are growing only a limited number of selected dahlias that have proved extra fine seed parents. We will, therefore, be able to supply high grade dahlia seed as usual. See page 28.

DAHLIAS

Owing to the shortage of labor and the lack of storage space we have found it necessary to discontinue the growing of dahlias commercially and, therefore, we will not be able to supply tubers as previously.

GIFTS FOR THE GARDEN

Gifts for the garden are always acceptable and especially so now. Gift of gladiolus and seeds will be enjoyed and appreciated long after they are received.

Our stock is of the best quality and we list the latest and finest varieties. Gladiolus are available from December 1 to June 1; Bearded Iris from June 1 to November 1; Daffodils, Tulips and Dutch Iris from September 15 to January 1. Seeds at any time.

Gladiolus gift orders for Eastern States received before mid-March will be set aside until proper shipping time. Gift cards announcing the same will be mailed to recipients.

All orders will be carefully packed and sent prepaid. We will supply and enclose appropriate gift card if desired.

THE NEWSOM DAHLIA MANUAL

(Revised Edition)

Complete year-around directions for the care of dahlias. Practical instruction on preparing, planting, fertilizing and storing dahlias. Price 50 cents.

1946 TESTIMONIALS

From Alsea, Oregon

I have grown gladiolus for several years, but I have never seen such large blooms or beautiful colors, as yours.

♦ ♦ ♦

From Des Moines, Iowa

Sir Galahad was very fine for us last summer in spite of heat and drouth. In fact Salbach's originations have always performed well for me, iris and glads alike.

♦ ♦ ♦

From Commerce, Texas

Last year I had a few Sir Galahad and California that were the greatest glads ever grown in this little town. No one here had ever seen anything like them.

♦ ♦ ♦

From Wausau, Wisconsin

I think your Helen of Troy and Sir Galahad are about the best of your patented glads, they are tops, but Candy Heart to my eye is about the best glad I have seen, it tops them all, and I have 136 varieties beside my seedlings.

♦ ♦ ♦

From Jackson, Mississippi

The bulbs I bought from you last year were the best I've ever bought and produced the largest blooms of all in my collection. "Grand Opera" in my opinion is Perfection, as far as gladiolus are concerned.

♦ ♦ ♦

From Carlin, Nevada

I have never enjoyed anything so much, or seen anything as beautiful as the gladiolus I had from your stock last year.

♦ ♦ ♦

From Los Angeles, Calif.

My glads, your stock, are very vigorous and are doing better than any in the neighborhood.

♦ ♦ ♦

From Oklahoma

I had wonderful luck with the glads I got from you. Entered five in our show and got three blue and two red ribbons. but had even better blooms later. Helen of Troy was selected as the best in the show.

From Ballarat, Victoria, Australia

June Bride and Sir Galahad did wonderfully well. In the 18 blooms I put up for championship in our show, I had a lovely Sir Galahad. I won the cup.

♦ ♦ ♦

From Ceres, Calif.

Where the summers are dry and warm. Have just cut the last of my glads. Candy Heart was especially tall and stately; they gave us continued pleasure for weeks and weeks.

♦ ♦ ♦

From New York

This is to certify that this photo of Grand Opera grown in Fultonville, N. Y., was 6 feet 7½ inches tall, with flowers 8 inches in diameter.

♦ ♦ ♦

From Stockton, Calif.

California withstood the heat best of all my gladiolus.

♦ ♦ ♦

From Phoenix, Arizona

This year Helen of Troy was breath taking in its beauty.

♦ ♦ ♦

From Illinois

Miss New Zealand produced the largest blooms, Elizabeth the Queen was the most beautiful and produced as high as four spikes from one bulb.

♦ ♦ ♦

From LaCrosse, Washington

I want to thank you for the magnificent collection of bulbs you sent to me. My neighbors can scarcely believe that such flowers can be grown in this hot dry climate.

♦ ♦ ♦

From Alabama

We so enjoyed our "glads," especially Candy Heart. They were immense and so lovely in coloring.

♦ ♦ ♦

From Saskatoon, Sask., Canada

Here in Saskatoon we have what we call Second Day Champion. Many varieties fall by the wayside for one reason or another, but not your Helen of Troy. The whole spike stood tall and erect with two more florets open, and the Grand Champion for Second Day Ribbon hanging on it.

NEW GLADIOLUS

During the past two years many new varieties have been offered. We grew most of these and observed many of them in the gardens of other growers. Only those that were outstanding and definite improvements on existing varieties are listed in our catalog.

We do not hesitate to recommend the following:

Abu Hassan	Genghis Khan	New Europe
Astrid	Grenadier	Oriental Pearl
Bengasi	Hawkeye Red	Pandora
Benison	High Life	Prosperity
Bernadette	Johan van Konynenburg	Red Charm
Better Times	Lancaster	Silver Wings
Commando	Leading Lady	Spotlight
Connecticut Yankee	Miss Wisconsin	Summer Gal
Elizabeth The Queen	Mohawk	True Love
Firebrand	Mrs. Mark's Memory	Van Gold
Fuchsia Belle	Mystery	Yellow Herald
Flying Fortress		

1947 INTRODUCTIONS

This year we are not offering any new varieties of our own, but together with two other prominent growers, we are offering two new varieties of another grower that we feel certain will become tremendously popular when they become well distributed:

BERNADETTE (Silva 1947). A magnificent new, tall growing variety, just about made to order for florists as well as a fine garden variety. Large flesh pink, shading to creamy white throat. Fine form and firm substance. A sport of Picardy, but doesn't resemble it in the least. Taller, larger, and of different color. Long flower spikes with six to eight open blooms. Florets are firmly attached to the stems and placement is good. Can be cut with long stems without interfering with the foliage. Blooms open to the very tip, even when cut in bud. This splendid new variety is destined to become one of the leading cut flowers. We have a good stock, hence the moderate introductory price. Early mid-season. Any size bulb, each \$5.00; 3 for \$12.50.

PROSPERITY (Silva 1947). After seeing practically all of the new varieties we do not hesitate to place Prosperity near the very top. Large heavily ruffled blooms, a sport of Picardy, with the same good growing habits, but a much more desirable color, and the added attraction of being beautifully ruffled. The color is a live rose pink. Long straight flower spikes, with many perfectly placed blooms open at one time. Flowers open to the tip, even when cut in bud. I have before me a spike that was cut in bud, ten days ago, and there are five beautiful blooms near the tip. The tips would make beautiful corsages. We are offering Prosperity, together with two other prominent growers who agree with me that it will become one of the most popular of all cut flowers. A good stock permits of a moderate introductory price. Early mid-season. Any size bulb, each \$5.00; three for \$12.50.

FIVE SUPERB PATENTED GLADIOLUS

Patented because they are outstanding and a big advance in their various color classes. Because of the patents, no other grower has a financial interest in these varieties; so we are free to fix the prices in keeping with the amount of stock available. The popularity of these varieties is best evidenced by the number of awards they have received at the various shows.

CALIFORNIA (Salbach 1939). Sold under protection of U. S. Patent No. 359. Very large wide open clear geranium pink, with slightly deeper blotch in throat. Blooms of heavy substance and open well when cut. Tall plants, long flower spikes that are always straight. Grows and blooms especially well in dry hot climate. Won American Home Achievement Medal in Oakland, California, 1939 Show. Best single spike 1940 San Francisco World's Fair, also for best three spikes. Also first for best three spikes and first in Open Section 1943 West Virginia Show. Large, but not coarse. One of the best cut flowers. Early.

L. each 35c; 3 for \$1.00; 12 for \$3.50

M. each 25c; 5 for \$1.00; 12 for \$2.25

GRAND OPERA (Salbach 1938). Sold under protection of U. S. Patent No. 280. Definitely one of the most sensational gladiolus ever offered, for it not only sets a new standard for size, but has beautiful form as well as an appealing color. The first bloom grown from a small bulb actually "stole the show" at the California Festival 1933 show. First prize at the 1942 big Boston show. Blooms since then have been even more sensational. Florets have reached 8½ inches in diameter. Even the tip buds are large and resemble a slender rose bud. Grows from 5½ to 6½ feet high. Flowers are well placed, and as many as 5 to 7 open at one time. The color is between La France and Geranium pink, soft, but very clear in tone. A magnificent big gladiolus that isn't in the least coarse. Splendid seed parent. Mid-season. No medium or small bulbs or bublets for sale. Stock scarce.

L only (Limit 1 to a customer), each 50c

HELEN OF TROY (Salbach 1939). Sold under protection of U. S. Patent No. 357. A mammoth gladiolus in a very pleasing shade of apricot and pink, with soft blotch of Indian Orange on lower petals. Tall and stately long straight flower spikes with six to eight wide open blooms open at once. Heavy substance and perfect placement. Florets from seven to eight inches in diameter. One of Oregon's prominent growers says, "Helen of Troy

made one of the best spikes I have ever seen." At Grants Pass 1940 show, won first as Champion Spike; also four other firsts. At East New York 1940 show, first in its color class; at 1942 Boston show first single spike amateur class. At 1942 Estherville, Iowa, show, Champion Spike in division five; also first in division six; also Grand Champion for single spike, and Grand Champion for best three spikes. In addition to being one of the finest exhibition varieties, Helen of Troy is superb in the garden and exquisitely beautiful as a cut flower. No small bulbs or bublets for sale.

L. each 35c; 3 for \$1.00; 12 for \$3.50

M. each 25c; 5 for \$1.00; 12 for \$2.25

KING OF HEARTS (Salbach 1939). Sold under protection of U. S. Patent No. 360. One of the largest of all gladiolus but yet not the least coarse. The individual florets measure from 8 to 8½ inches in diameter. The flower stalks are not thick, but are strong and wiry, adding to the grace of this fine variety. The plants are tall and vigorous in growth with long flower spikes, often 2½ feet long. Blooms are of heavy substance and perfectly placed and as many as eight open at once. Color is light coral red to salmon. A consistent prize winner. Won first for best single spike 1942 Boston Show, also first for best two spikes and first for Geo. W. Hunt trophy. At Akron, Ohio, 1943 show, first for best sectional Champion and first for best light salmon, also for best exhibition spike, also for best six blooms. There is only a limited amount of stock available this year.

L. each 35c; 3 for \$1.00; 12 for \$3.50

M. each 25c; 5 for \$1.00; 12 for \$2.25

SIR GALAHAD (Salbach 1939). Sold under protection of U. S. Patent No. 356. A study in contrast, for the purity of its soft creamy yellow is enhanced by its diamond shaped blotch of rich crimson deep in throat. A pure and perfectly formed flower well named for Galahad, the perfect knight. Wide open perfectly placed florets on long straight flower spike with 6 of the 18 flowers open at once. No other gladiolus resembles Sir Galahad. Winner

of many prizes including first for best single spike, amateur class at 1942 Boston show. At 1943 Akron, Ohio, show first in its color class, first in advanced amateur class and first in novice color class. Here is what a Los Angeles California customer says: "Sir Galahad was 6 feet high with tremendous flower head. I don't see how this glad can be improved upon." A very striking and beautiful gladiolus.

L. each 35c; 3 for \$1.00; 12 for \$3.50

M. each 25c; 5 for \$1.00; 12 for \$2.25



SPECIAL COLLECTION

PATENTED VARIETIES

4 large California

1 large Grand Opera

3 large Helen of Troy

4 large King of Hearts

4 large Sir Galahad

Catalog value \$5.50 (16 large bulbs labeled). Sent prepaid for \$5.00.



RECENT AWARDS

Gold Medal awarded to Carl Salbach in 1945 by New England Gladiolus Society for achievement in hybridizing Gladiolus.

Gold Medal awarded to Carl Salbach in 1944 by the American Iris Society for achievement in hybridizing Iris.



SHIRLEY TEMPLE

GENERAL LIST OF GLADIOLUS

All our bulbs are plump, healthy, and both large and medium bulbs are of blooming size. Small bulbs usually produce blooms late in the season. Bulblets seldom bloom the first year, and a percentage of these "baby" bulbs always fails to germinate—the rest grow into bulbs, mostly small.

Large bulbs always produce the finest exhibition spikes, and sometimes throw several spikes to the bulb. Medium sized bulbs give excellent spikes, particularly when planted early in the season. Small sized bulbs seldom give much more than a short spike but produce large bulbs for the following season.

Large bulbs are 1 1/4 inches in diameter or over; medium are 1 inch to 1 1/4 inches and small bulbs are 1/2 to 3/4 inch. L. = large, M. = medium. S. = small. Blts. = bulblets. When the size is not noted, large size is implied.

For special collections see page 16.

The 3, 12, 25 prices are applicable to one individual variety, not to different ones priced alike—no quantity less than 50 at the hundred rate, and no smaller quantities than those listed.

Please Note—Our Gladiolus bulbs were grown under the best of conditions, but as an extra precaution we fumigate all of our bulbs before they are sent out with methyl bromide, which gives 100 per cent kill of all insects and their eggs.

ADD 2 1/2 PER CENT TO COVER TAX ON ALL ORDERS FOR DELIVERY IN CALIFORNIA, AND ANY OTHER TAX THAT MAY BE IN EFFECT AT THE TIME.

These prices cancel all previous quotations.

This year our plantings are somewhat larger than the past year; however, we have only a limited supply of some varieties and suggest that you send your orders early. If you order late in the season please advise if we may substitute.

ACE OF HEARTS (Salbach 1942). Large soft orange pink, two lower petals pale orange yellow with prominent scarlet blotch. Tall plants, long straight flower spikes. Six to eight well placed blooms open at one time, with a total of 20 buds and blooms. Florets always correctly placed. Vigorous grower. Mid season.

(Withdrawn to increase stock.)

ABU HASSAN (European). Blooms of good size in very deep rich violet blue with darker throat markings. The color is somewhat like the popular Leonardo da Vinci, but it is a much more vigorous grower with straight flower spikes of good height. A fine addition to this color class.

L. each .50; 3 for 1.25; 12 for 4.75

M. each .35; 3 for 1.00; 12 for 3.50

Blts. 20 for 1.00

ALADDIN. A bright grenadine pink of immense size. Six to eight florets open at once. Strong grower and rapid increaser. Won first as champion spike, East Bay Gladiolus Show, 1941. Early.

	3	12	25	100
L.	.30	1.00	1.85	7.00
M.	.25	.85	1.50	5.50
S.	.20	.70	1.25	4.50

ALGONQUIN. Large glowing scarlet with long straight flower spike. Opens 8 to 10 blooms at one time. Winner of many prizes, also in demand as a cut flower. One of the best reds. Early.

	3	12	25	100
L.	.30	1.00	1.85	7.00

ASTRID (Milton Jack). Beautifully ruffled, large blooms in deep Persian lilac shading to bright rose on outer edge of petals. Lower petal deep rose with small soft

cream line in center of carmine tongue. Very beautiful and harmonious colors. Tall vigorous growing plants with good size blooms of heavy substance. Especially fine under artificial light. Mid-season.

L. each \$3.00
M. each \$2.00; 3 for \$5.50
S. each \$1.50; 3 for \$4.00

BAGDAD. Very large smoky old rose. Tall growing plants with long flower spike. Six to eight blooms open at once. Late mid-season.

	3	12	25	100
L.	.30	1.00	1.85	7.00
M.	.20	.70	1.25	4.50

BARCAROLE. Fine ruffled salmon orange of good size and heavy texture. Six to seven of 18 buds open at once. Mid-season.

	3	12	25	100
L.	.30	1.00	1.85	7.00
M.	.25	.85	1.50	5.50

BEACON. Very spectacular bright scarlet with creamy blotch in throat. Tall plants with long straight flower spikes. Blooms large and of heavy substance and are well placed. Very popular as a cut flower. Mid-season.

	3	12	25	100
L.	.30	1.00	1.85	7.00
M.	.25	.85	1.50	5.50
S.	.20	.70	1.25	4.50

BEAUTIFUL LADY (Salbach 1942). Good size blooms of a delicate shade of La France pink, the lower half of the petals being white. Blooms of good size and heavy substance, well placed on tall, straight stems that do not crook. One of our visitors referred to the color as "A perfect baby pink." Plants tall and vigorous growing, producing plump clean healthy bulbs.

L. each \$1.50; Blts. 10 for \$1.00

BENGASI (Cave). Very large beautifully ruffled deep La France pink shading to lighter throat. Soft rose feathering on two lower petals. Tall straight stems. 8 to 10 well placed blooms open at one time. A fine addition to the large ruffled class. Mid-season.

L. each \$5.00
Blts. 5 for \$2.50

BENISON (Palmer). Very attractive clear white, slightly tinted lavender. Blooms are of medium size, and good substance and always well placed. As many as ten open at one time. A good grower and free bloomer. Very fine cut flower. Mid-season.

	Each	3	12
L.	.50	1.35	5.25
M.	.35	1.00	3.50
S.	.25	.65	2.50

BERNADETTE. See page 5.

BETTER TIMES (European 1946). A clear light blue with white feathering running across the lower petals. Medium size blooms are well placed on tall slender stems. One of the best new light blues. Good grower and rapid increaser. Early mid-season.

	Each	3	12	25
L.	.50	1.35	5.25	10.00

BETTY NUTHALL (Salbach). A vigorous grower, with tallest of spikes—thrives in almost any climate. Six to eight large well expanded blooms open at once on a long flower spike. Color is glowing orange to apricot pink with yellow throat. Splendid cut flower. Late.

	3	12	25	100
L.	.30	1.00	1.85	7.00
M.	.25	.85	1.50	5.50

BLACK MAGIC (new). Another superb dark red, almost black, from Australia. Tall plants with long flower spikes, carrying as many as 20 blooms and buds, with six big round dark red blooms open at once. Flowers are of heavy substance and are well placed.

L. each .75
M. each .60
S. each .50

BLACK OPAL (Australian). After having grown this variety for several years, we are inclined to place Black Opal near the top of the list of the dark reds. Not quite as dark as Moorish King or Black Magic, but a very rich dark red that produces fine long spikes of large well placed blooms. A splendid grower and a good increaser—in fact, has all the good qualities that go to make a high-class gladiolus. Award of Merit, British Gladiolus Society. Mid-season.

	3	12	25	100
L.	.30	1.00	1.85	7.00
M.	.25	.85	1.50	5.50

BLUE BEAUTY. Another fine rich blue from Europe. A bit lighter than Blue Admiral. Good habit, with 5 to 6 of 18 buds open at once. The best medium blue. Large florets. Early.

	3	12	25	100
L.	.30	1.00	1.85	7.00
M.	.25	.85	1.50	5.50
S.	—	.50	.85	3.00

BURMA (Palmer). A very large heavily ruffled rich deep rose, shading to lighter throat. Opens up to 8 florets at one time. Medium height. Vigorous. Mid-season.

	Each	3	12
L.	.50	1.35	5.25
M.	.35	1.00	3.50
S.	.25	.65	2.50

CALIFORNIA. See page 6.

CANDY HEART (Salbach 1938). We consider this one of our best originations. Very large wide open blooms of a soft clear flesh pink with bright carmine blotch in throat. Cheerful and pleasing color combination. A Canadian customer says: "They all liked the fine light color and giant florets." An Ohio customer says: "Your Candy Heart is as beautiful a thing as I ever had." A vigorous grower and rapid increaser. Early mid-season.

	3	12	25	100
L.	.30	1.00	1.85	7.00
M.	.25	.85	1.50	5.50
S.	.15	.50	.85	3.00

CARIOCA (Bones - Salbach). Large tall burnt orange. Six to nine open blooms. Long straight flower spike. A vigorous grower.

	3	12	25	100
L.	.30	1.00	1.85	7.00

CASA BLANCA (Majeski). Medium size, clear white, stems always straight. Fine cut flower. Very early.

	3	12	25	100
L.	.30	1.00	1.85	7.00
M.	.25	.85	1.50	5.50

COMMANDER KOEHL. A magnificent deep red that is both bright and rich in color. Tall with long flower spikes, one of the best in its color tone. Six to eight wide open florets open at once.

	3	12	25	100
L.	.30	1.00	1.85	7.00

COMMANDO (Palmer). Large clear light scarlet. Color resembles that of the popular Valeria, but blooms are much larger and plants taller. Opens 6 to 9 blooms that are well placed on tall, straight stems. Near the top in this color class. Mid-season.

L. each 1.00; 3 for 2.75
M. each .60; 3 for 1.45

CONNECTICUT YANKEE. Very large clear blush pink with soft red blotch in throat. Six to eight perfectly placed blooms open at one time. Tall plants, long flower head and straight stems. Unlike any of the other pinks. Good show flower and should be popular as a cut flower. An exceptionally fine light pink. Mid-season.

L. each 5.00; 3 for 14.50
M. each 3.00; 3 for 8.50
S. each 2.00; 3 for 5.50

CORONA (Palmer). Large creamy white, tinted pink and with picotee edge. Very popular. Mid-season.

	3	12	25	100
L.	.35	1.25	2.35	8.50
M.	.25	.85	1.50	5.50
S.	—	.50	.85	3.00

DAINTY ROSE (Salbach). Soft clear white tinted and edged rose pink with blotch of the same color on lower petal. Blooms of good size; fairly long straight flower spike. Individual blooms made up as a corsage are as beautiful as orchids. Early mid-season.

	3	12	25
L.	.40	1.50	2.85

EGLANTINE (Scheer). Very rich clear warm pink shading to cream throat. Very large beautifully ruffled blooms perfectly placed on long flower spike. Eight to ten open blooms. Medium tall. Mid-season.

L. each 7.50
M. each 5.00
S. each 3.50

ELIZABETH THE QUEEN (White). Very large ruffled clear lavender with a touch of rose in throat. Plants are medium tall with a long flower spike. Seven to eight blooms open at one time. One of the best of the lavenders. Early mid-season.

	Each	3	12	25	100
L.	..	.25	.65	2.50	4.75
M.	—	.35	1.25	2.35	8.50
S.	—	.20	.70	1.25	4.50

ETHEL CAVE COLE (Cave). One of the finest new light pinks. Large round blooms with many open. Tall plants with long straight flower spike. Good grower.

	3	12	25	100
L.	.35	1.25	2.35	8.50
M.	.25	.85	1.50	5.50

ERREY'S SCARLET (Errey). Large scarlet red shading to deeper red in throat with 10 to 12 perfectly placed blooms on tall plants with long flower spike. Fine exhibition variety. Mid-season.

	Each	3	12
L.	.50	1.25	4.75
M.	.35	1.00	3.50
S.	.25	.65	2.50

FAIR ANGEL (Hatch). Large creamy white with deeper cream throat. Blooms nicely ruffled. As many as eight open. Splendid exhibition variety and fine cut flower. Early mid-season.

L. 3 for .35; 12 for 1.25; 25 for 2.35
M. 3 for .20; 12 for .70; 25 for 1.25

FIREBRAND (Butt). New medium deep red shading to slightly darker throat with white lines on lower petals. Long flower head. Six to 8 open blooms. The buds are large and very decorative—resembling a rose. Most unusual and beautiful red. Mid-season.

	Each	3	12
L.	1.00	2.50	9.00
M.	.60	1.50	5.50
S.	.40	1.10	4.20

FESTIVAL QUEEN (Salbach). A huge clear geranium pink self with soft carmine markings on lower petals. Immense blooms over 6 inches across. Five to six open at one time, with 12 or 13 buds to come. Consistently placed and correctly faced, stems always straight. One of the parents of Grand Opera, our sensational giant pink. Festival Queen is a "must have" for breeders because its characteristic huge well expanded florets carry on freely in its offspring. Wide rounded blooms give the appearance of greater size. Available at a much lower price than others of the new "giant" gladiolus.

	3	12	25	100
L.	.35	1.25	2.35	8.50
M.	.30	1.00	1.85	7.00

FLYING FORTRESS (Wilson). Immense blooms in lavender toned smoky, prominent red tongue on lower petals. Eight well placed large round blooms open with many buds. Good growing habits. Most unusual. Late mid-season.

L.	each 1.00; 3 for 2.50; 12 for 9.00
M.	each .75; 3 for 2.00; 12 for 7.50
S.	each .50; 3 for 1.35; 12 for 5.25

FUCHSIA BELLE (Almey). Deep velvety rose red self. Tall plants. Long straight flower spikes with 8 to 10 open blooms that are perfectly placed. Vigorous grower. Rapid increaser. Mid-season.

L.	each 2.50
M.	each 1.50
S.	each 1.00
Blts.	10 for 2.00

GENGHIS KHAN (Scheer). A deeply ruffled clear pink of large size and heavy texture. Soft rose feathering on lower petals. Tall plants, straight stems, long flower spike with many open blooms. An outstanding ruffled pink.

	Each	3
L.	1.50	3.50
M.	1.00	2.50
S.	.60	1.50
Blts.	10 for	1.50

GOLDEN STATE (W. T. Wheeler, 1943) (Picardy x Golden Goddess). A big new clear yellow that gives promise of being near the top of the list of yellow. The blooms and flower spike resemble Picardy except in color. Tall plants, long flower spike, many open blooms.

	Each	3	12
L.	.60	1.50	5.50
M.	.40	1.10	4.20

GRAND OPERA. See page 6.

GREEN LIGHT. Light greenish yellow. Blooms of good size and are nicely ruffled. Seven to eight well placed blooms open at once. Very unusual and pleasing color combination. Vigorous grower.

	3	12	25
L.	.30	1.00	1.85
M.	.25	.85	1.50

GRENADIER (Palmer). Large bright bittersweet orange with scarlet feathering in throat. Good size blooms on tall stems. Heavy substance, good placement of blooms. Opens well when cut. Vigorous, healthy grower. One of the finest in the orange colors. Mid-season.

	Each	3
L.	2.00	5.75
M.	1.25	3.50
S.	.75	2.00

GRETA GARBO. Another very fine new European introduction. Rosy buff tinted delicate pink. Large, well expanded blooms, well placed on a perfectly straight stem. The buds show a soft salmon rose shade and make a perfect color combination with the fully expanded flowers. Vigorous grower and rapid increaser. Mid-season.

	3	12	25	100
L.	.35	1.25	2.35	8.50
M.	.25	.85	1.50	5.50

HAWKEYE RED (Heaton). A brilliant orange red with brownish red throat marking. A sport of Vagabond Prince—is even a better grower than its parent. Blooms of good size, heavy substance, well placed on long flower head. Very bright and distinct. Mid-season.

	Each	3	12
L.	.75	2.00	6.00
M.	.50	1.25	4.00
S.	.25	.60	2.00

HELEN OF TROY. See page 6.

HIGH LIFE (European—new). Clear light wide open blue of good size. Tall straight stems with long spikes. 8 to 10 well placed blooms open at one time. A decided improvement on existing light blue varieties.

M. each 2.50

JOHAN VAN KONYNENBURG (European—new). Rich glowing vermilion red. One of the most perfect gladiolus grown. Extra strong tall upright spikes with as many as 10 well placed blooms open at one time. Sensational exhibition and market variety, which will be in strong demand as soon as stock is available.

L.	each 5.00
Blts.	5 for 1.00

KING LEAR. Big ruffled velvety red purple. Five to six well expanded blooms open at one time. Long flower spike on slender straight stems. The richest of all the purples. Mid-season.

	3	12	25	100
L.	.30	1.00	1.85	7.00
M.	.25	.85	1.50	5.50

KING OF HEARTS. See page 6.

LADY JANE (Lake). Large clear cream with yellow on two lower petals. Six to eight well placed blooms open at once. Tall plants, long flower spike which is always straight. Good grower, rapid increaser. Stands heat. Early mid-season.

	3	12	25	100
L.	.35	1.25	2.35	8.50
M.	.25	.85	1.50	5.50
S.	.20	.70	1.25	4.50

LA FIESTA (Salbach). This very outstanding gladiolus is in a color class by itself. A beautiful clear orange with golden orange throat markings. Medium size blooms of good substance, that are always well placed on long slender stems. Six to eight blooms open at once. Does not fade. Mid-season.

	3	12	25	100
L.	.30	1.00	1.85	7.00

LANCASTER (Palmer). Clear deep velvety purple self. Tall straight flower spikes carrying 18 to 20 flowers and buds, 8 of which are open at one time. A very fine clear purple. Mid-season.

	Each	3
L.	1.50	4.25
M.	1.00	2.75
S.	.60	1.65

LEADING LADY (Johnson). Tall creamy white, sport of Picardy that is tremendously popular, especially as a cut flower. Long straight flower spike with many open blooms. Winner of numerous prizes. Rapid propagator. Mid-season.

	Each	3	12
L.	.40	1.10	3.85
M.	.25	.65	2.40
S.	—	.35	1.35

MAID OF ORLEANS. A very large creamy white, of fine substance. Tall, straight spikes. One of the best new whites. Very popular.

	3	12	25
L.	.30	1.00	1.85

MALTA (Palmer). Very attractive new, large begonia rose. Six to 8 very large open blooms on a good straight spike. One of the few good varieties in this color class. Very popular show flower and a splendid addition for the home garden. Mid-season.

	Each	3	12
L.	.25	.65	2.50

MAMMOTH WHITE. Immense pure alabaster white. The large blooms are always well placed with six to eight open at once. Rigid stems that do not crook. One of the finest whites for cutting.

	3	12	25	100
L.	.30	1.00	1.85	7.00

MARGARET BEATON. Very large, tall, clear white, with small cherry blotch in throat. One of the finest of recent introductions. Winner of many prizes.

	3	12	25	100
L.	.30	1.00	1.85	7.00
M.	.25	.85	1.50	5.50

MARGUERITE (Pommert). Big tall growing, clear watermelon pink with six to eight blooms open at once. Consistent prize winner. Vigorous grower. Fine cut flower. Mid-season.

	3	12	25	100
L.	.35	1.25	2.35	8.50

MARMORA (Australian). Very large blooms in a most unusual color. Pleasing lavender gray with rosy purple blotch in throat. Florets are wide open and are perfectly placed on long straight stems. Eight open blooms. One of the best so-called smokies. Late mid-season.

	3	12	25	100
L.	.30	1.00	1.85	7.00

MAX REGER. In our opinion this is the best of the clear light blues. Large well placed blooms of good substance, on good straight flower stalk.

	3	12	25	100
L.	.30	1.00	1.85	7.00

MAYA MAID (Salbach). A very unusual gladiolus in russet brown shades. Good grower with fairly tall flower stalks that are always straight. Mid-season.

	3	12
L.	.40	1.50
M.	.30	1.00

MINUET. Not new but still one of the very best clear lavenders. Large blooms, many open on perfectly straight flower spikes of good length. Late.

	3	12	25	100
L.	.30	1.00	1.85	7.00

MISS AMERICA (Salbach 1938). Not new but still one of the best light pinks. Large blooms in pleasing shades of flesh pink, perfectly placed on long straight flower spikes. Six to eight open blooms. Seldom do we find a misplaced bloom. Sturdy grower and heat resistant. Mid-season.

	3	12
L.	.40	1.50

MISS WISCONSIN (Krueger). A very pure glowing rose pink self of good size and fine form. Spikes are straight with 6 to 8 open blooms. Good grower and produces clean healthy bulbs. Excellent cut flower, especially fine under electric light. Much in demand. Stock scarce.

	Each	3	12
L.	.80	2.00	7.50
M.	.60	1.60	5.75
S.	.40	1.00	3.85

MOHAWK (Stevens). Large deep clear maroon without the flecking that appears in some of the dark reds. Blooms well placed on tall straight stems. Many open blooms. One of the best new deep reds. Mid-season.

L. 3 for 40; 12 for 1.50
M. 3 for 30; 12 for 1.00

MOORISH KING. There are few gladiolus that attract as much attention both in the field and show room as Moorish King. No other variety has as rich a deep red color—a deep clear maroon self. Blooms are large, plants are tall and vigorous in growth. Tremendously popular. We sell out of large sizes each year.

3 12
L. .50 1.75

MOTHER KADEL (Kadel). Clear medium yellow self of good size. Blooms of fine form and heavy substance, well placed on a medium long flower head. A fine commercial and good exhibition variety. One of the best clear medium yellows. Mid-season.

3 12 25 100
L. .35 1.25 2.35 8.50
M. .30 1.00 1.85 7.00

MRS. MARK'S MEMORY (Pfitzer). Very large tall growing light purple. Straight stems and long flower head with many open blooms. Winner of many prizes. Mid-season.

3 12 25
L. .35 1.25 2.35
M. .30 1.00 1.85

MYRNA (D. S. Pruitt). A beautiful heavily ruffled creamy white that has won many prizes. The blooms are large and of heavy substance and are always perfectly placed on a straight stem. As many as ten blooms open at one time.

3 12 25
L. .30 1.00 1.85

MYSTERY (Stinson). A new gladiolus that is striking in the garden and beautiful as a cut flower. Very large blooms in clear bright pink with prominent rose red feathering on two lower petals. Especially beautiful under artificial light. Tall vigorous grower. Long flower spike with 6 to 8 open blooms. Flowers well from small bulbs. A fine addition to this color class.

L. each 1.00; 3 for 2.50
M. each .60; 3 for 1.65

NEW EUROPE (European 1946). An immense flower in vivid shades of orange scarlet, almost a self, the only other color is that of soft rose feathering deep in throat. Tall plants with long straight spike. As many as 10 very large blooms open at one time. Healthy grower and rapid increaser. Late flowering.

Each 3
L. 1.00 2.50
M. .75 2.00
Blts. 10 for 1.00

OKLAHOMA (Wilson). Good size blooms in delightful shade of lilac, with soft rose feathering over yellow on lower petals. Blooms well placed and firmly attached to strong straight stems. Clean growth, and generous producer of healthy bulbs. Nicely ruffled. One of the best of the so called smokies. Early.

L. each \$1.50

ORANGE BUTTERFLY (Salbach). Small flowering clear orange that has no competition. Blooms are about 2½ to 3 inches across and are beautifully poised on long slender stems. Often there are as many as ten blooms open at one time. One of the finest of the small flowering type. Mid-season.

3 12 25
L. .30 1.00 1.85

OREGON GOLD (Majeski). Tall large attractive light yellow on long slender straight stems. Six to eight blooms open at once. Good grower and generous producer of bulblets that germinate easily.

Each 3 12 25 100
L. .25 .65 2.40 4.65 —
S. — .30 1.00 1.85 7.00

OREGON RED (R. H. Pruitt & Son). A very large bright scarlet red of fine form and excellent growing habits. Twice it was judged to be the best gladiolus at the Grants Pass, Oregon, Show. Tall plants with long flower spike. Blooms are of heavy substance and are well placed. As many as six to eight open at once. Early.

L. each \$1.00; 3 for \$2.50
M. each .75; 3 for \$2.00

ORIENTAL PEARL (Carlson-Puerner). Immense pearly white with slight rose shading deep in throat. Wide open blooms of very heavy substance. Tall stems, straight spikes, sturdy grower. One of the finest of the new varieties. In a class all by itself. Mid-season.

L. each 5.00
M. each 4.00
S. each 3.00
Blts. 10 for 4.00

ORINDA (Salbach 1943). (Pink seedling x Emile Aubrun.) Very large wide open geranium pink with prominent rose red heart on two lower petals. This red heart is set into bright yellow, producing a very striking color effect. Four to five large round blooms open at one time with a total of 17 to 18 buds and blooms. Medium tall flower stalks that are always straight. Good grower and generous producer of bulblets. Mid-season. Very showy.

Each 3 12
L. .50 1.35 5.25
M. .25 .65 2.50
S. — .40 1.50

PANDORA (Beatrice L. Palmer). Clear soft geranium pink with inconspicuous lines in throat. 8 to 10 medium size blooms open on medium tall stem. Very clear and pleasing color. Mid-season.

	3	12	25
L.	.35	1.25	2.35
M.	.20	.60	1.15

PEGGY LOU. Large tall clear geranium pink that has received many awards, including Champion Spike at 1938 East Bay Gladiolus Show. Early mid-season.

	3	12	25	100
L.	.30	1.00	1.85	7.00

PELEGRINA. In a class by itself in the deep indigo or violet blues. A most unusual flower. Especially good all-around habits for a blue.

	3	12	25	100
L.	.30	1.00	1.85	7.00

PFITZER'S MASTERPIECE. Very attractive salmon pink with creamy white throat. Tall plants, long flower spike with 8 to 10 open blooms. Good exhibition variety and fine cut flower. Mid-season.

	3	12	25
L.	.35	1.25	2.35

PICARDY. A sensational flower of delicate pink. One of the most popular of all gladiolus. Large well expanded blooms of good substance, perfectly placed on long flower spike. Many open at one time.

	3	12	25	100
L.	.30	1.00	1.85	7.00
M.	.25	.85	1.50	5.50

PINK PRINCESS (Salbach). Blooms of medium size in lively shades of LaFrance pink, with a deep cream blotch on lower petals. Tall plants, long flower spike with many open blooms. Does not fade and opens up well when cut. Very bright and cheerful. Stock scarce.

	3	12
L.	.40	1.50

PROSPERITY. See page 5.

RED CHARM. A very fine new medium dark red from Canada. Large wide open blooms of heavy substance well placed on long flower spike. Tall vigorous grower and good multiplier. We have grown this for two years and feel it is one of the very best medium reds. Early mid-season.

	3	12	25
L.	.50	1.75	—
M.	.35	1.25	—
S.	.20	.70	1.25

REWII FALLU. Large wide open blooms in a brilliant carmine, shading to orange red in throat. Medium height plants. Vigorous grower. Heavy propagator. One of the richest colored of all the reds. Much in demand. Mid-season.

	3	12	25	100
L.	.30	1.00	1.85	7.00

ROSA VAN LIMA (Pfitzer). An excellent light rose pink from Holland. A color that is much in demand by florists. Tall plants, straight stems, blooms of good size and good placement. A good exhibition variety and excellent cut flower. Mid-season.

	3	12	25	100
L.	.30	1.00	1.85	7.00

SALBACH'S ORCHID (Salbach). Colored the same lavender pink as Cattleya orchid. Similar in form to Minuet, but pinker, and retains its color under artificial light. Large, wide-open blooms of heavy substance and fine placement. As many as 10 blooms open at once, and one of the few flowers that will stand the hottest sun without fading or wilting. A. M., R. H. S., 1936. Splendid cut flower. Early.

	3	12	25	100
L.	.30	1.00	1.85	7.00

SENSATION. A big, handsome, clear soft rose pink, shading to lighter pink in throat. Tall growing with longer flower spike, and many open blooms. Good growing habits and rapid increaser. Mid-season.

	3	12	25
L.	.30	1.00	1.85
M.	.25	.85	1.50

SHIRLEY TEMPLE. No gladiolus is more beautiful than a good spike of Shirley Temple, for it is of the purest soft cream, and is heavily ruffled. Florets are large and of fine substance and well placed on a long flower spike. Stems sometimes crook in extreme hot weather. Despite this occasional fault it is a top ranking variety. Early mid-season.

	3	12	25	100
L.	.30	1.00	1.85	7.00

SILENTIUM (Pfitzer). Very pure white with small carmine blotches on cream throat. Good grower and produces fine spikes of good size blooms. Very attractive. Mid-season.

	3	12	25
L.	.30	1.00	1.85
M.	.25	.85	1.50

SILVER WINGS (Ritsema). A white sport of Picardy that is somewhat similar to Leading Lady. The blooms are whiter and a bit wider open. The large slightly ruffled wide open blooms are well placed on long straight flower spike. Good growing habit and generous producer of bulb-lets. For the home garden we recommend either of these. Mid-season.

L.	each 3.00
M.	each 2.00
S.	each 1.50
Blt.	5 for 1.00

SIR GALAHAD. See page 6.

SNOW PRINCESS. A very fine white of good size and form. Tall, with long flower spike and many open blooms that are always perfectly placed. Stems never crook. Snow Princess is one of the very best whites. Mid-season.

	3	12	25	100
L.	.30	1.00	1.85	7.00
M.	.20	.70	1.25	4.50

SPOTLIGHT (Palmer). A most outstanding yellow of recent introduction. Blooms are clear medium yellow with scarlet blotch on lower petals. Opens six to seven good size blooms on long straight flower spike. Produces large size bulblets that often bloom the first year. Early mid-season.

	Each	3
L.	1.50	3.50
M.	1.00	2.40
S.	.60	1.45

STRAWBERRY PEACH (Salbach 1944). Big wide open beautifully ruffled bright orange pink with soft scarlet blotch and feathering. Buds are clear grenadine pink. Blooms of heavy substance well placed on tall straight stems. 6 to 8 open blooms. Total of 16 blooms and buds. Good rugged grower. Opens to the tip when cut. Very beautiful, especially under artificial light. Fine cut flower. Much in demand. Stock limited. Mid-season.

L.	each 3.00; 3 for 7.50
M.	each 2.50; 3 for 6.50

SUMMER GAL (Zimmer). First offered in 1944. Very large deep geranium pink with rose pink feathering in throat. Six inch florets of heavy substance. Medium tall straight stems. 6 to 8 well placed open blooms. Rapid increaser. Mid-season.

L.	each 5.00
M.	each 4.00
S.	each 3.00
Blt.	10 for 5.00

TIP TOP. An immense wide-open red which would undoubtedly have gained wide renown earlier in its career except for the fact it is a rather slow propagator. Generally recognized as the best red in commerce, certainly the best at anywhere near its price range. Six to eight of 18 to 19 buds open at once. Florets very large and habit ideal. Very tall. Mid-season.

	3	12	25	100
L.	.30	1.00	1.85	7.00

TRUE LOVE (Klein). Early ruffled shell pink in a beautiful shade. Very pleasing color. Good size blooms perfectly placed on straight flower spikes. Good grower, produces clean healthy bulbs.

L.	each 1.50; 3 for 3.65
M.	each 1.00; 3 for 2.40
S.	each .60; 3 for 1.45

VAGABOND PRINCE. A very rich iridescent garnet brown with a glowing scarlet blotch. Eight or more well placed florets open at once. Probably the richest in tone of all gladiolus, certainly the richest of the smokies—opens up well when cut. Florets of good size. Awarded many first prizes. Mid-season.

	3	12	25	100
L.	.30	1.00	1.85	7.00
M.	.25	.85	1.50	5.50

VALERIE (D. S. Pruitt). A fine new Pruitt introduction in a soft scarlet, almost salmon, a totally distinct color and one much desired. Blooms are large and of heavy substance. Long flower spike, many blooms open. Mid-season.

	3	12	25	100
L.	.35	1.25	2.35	8.50

VAN GOLD (Van Voorhis). Very early clear deep golden yellow self. Medium large blooms, well placed on straight strong willowy stems. Because of its earliness to bloom and the fine rich color, Van Gold will be much in demand. Stock is not plentiful.

	Each	3	12
L.	.75	1.85	7.25
M.	.50	1.25	4.80

VISTA BONITA. One of the very best Ellis creations, being a giant Phipps. Color salmon-pink, many open blooms well faced and placed. Florets 7 inches across. Good spike. Vigorous.

	3	12	25	100
L.	.30	1.00	1.85	7.00
M.	.25	.85	1.50	5.50
S.	.20	.70	1.25	4.50

WHITE GOLD (Scheer 1943). Immense blooms in clear creamy white, shading to golden yellow throat. Four to six wide open blooms open at one time on good straight stems. Total of 18 blooms and buds. Vigorous grower, rapid increaser. Winner of many prizes. Mid-season.

	Each	3	12	25	100
L.	.25	.65	2.50	4.75	—
M.	—	.35	1.25	2.35	8.50
S.	—	.20	.65	1.20	4.50

YELLOW HERALD (New European). Clear amber yellow with soft carmine deep in throat. Large wide open blooms well placed on strong upright stems. Healthy grower, early flowering. An improvement on the well known Gate of Heaven.

	Each	3	12
L.	.50	1.35	5.25
M.	.45	1.20	4.50

YELLOW RUFFLES (Salbach 1943). Parentage unknown. Big, intensely ruffled, clear light yellow, with deeper yellow on two lower petals. Four to six large blooms open at one time. Each bulb produces from two to three flower spikes. Vigorous grower, medium tall, straight stems and

heavy substance. Very attractive and a fine addition to the ruffled varieties. Mid-season.

L. each 2.50
M. each 1.50
S. each 1.00

1947 GRAND PRIZE ASSORTMENT

Fine balanced mixture made up from our regular stock of named varieties, but not labeled.

	12	25	100
Large bulbs.....	.90	1.75	6.75
Medium size bulbs.....	.75	1.35	5.00

SPECIAL COLLECTIONS

POPULAR FAVORITES COLLECTION

Candy Heart, large clear flesh pink.

Corona, creamy white, edged rose.

Elizabeth the Queen, big ruffled lavender

Greta Garbo, rosy buff, tinted pink.

Lady Jane, clear cream.

Margaret Beaton, large white with small red blotch.

Pelegrina, deep violet.

Red Charm, very fine deep red.

Rosa van Lima, clear rosy pink.

Six large bulbs, each labeled (54 bulbs). Catalog value \$6.00. By prepaid post for \$5.50.

RECENT INTRODUCTIONS COLLECTION

Abu Hassan, tall deep violet.

Better Times, clear light blue.

Black Magic, deepest red.

Burma, big rosy purple.

Errey's Scarlet, large scarlet.

Firebrand, bright medium red.

Genghis Kahn, large ruffled pink.

Hawkeye Red, brilliant Red.

Leading Lady, very large clear creamy white.

Mrs. Marks Memory, large tall light purple.

Mystery, large bright pink.

New Europe, large vivid orange scarlet.

Spotlight, large deep yellow with red throat.

Yellow Herald, large medium yellow.

One large bulb each, labeled (14 varieties). Catalog value \$10.75. By prepaid post for \$10.00.

NOVELTY COLLECTION

Astrid, large ruffled Persian lilac.

Bernadette, big tall pink.

Connecticut Yankee, immense clear pink.

Grenadier, large orange.

Fuchsia Belle, large rosy purple.

Oriental Pearl, immense pearly white.

Prosperity, sensational ruffled pink.

Strawberry Peach, ruffled rosy pink.

Summer Gal, very large deep geranium pink.

True Love, lovely soft pink.

One large bulb each, labeled (10 newest varieties). Catalog value \$37.00. By prepaid post for \$35.00.

Send your order as early as possible. Please suggest one or two second choices we may send if sold out of any varieties.

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CALIFORNIA RESIDENTS: Add 2½ per cent to cover Sales Tax, except on goods delivered outside California

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HOW TO GROW GLADIOLUS

PLANTING

Gladiolus should be planted in spring after danger of frost is over. In regions where the weather is mild, planting can begin in January and continue until mid-July. In the Eastern and Midwest States, where severe cold prevails, April and May are the best planting months.

Plant the bulbs about four times their own depth. In a cool climate plant in full sun. Where the weather is extremely warm in summer a partially shaded place is best.

GROWING

Do not use dressing too freely at planting time. A little bone meal or Gaviota or any good commercial fertilizer dug deep into the ground before planting will give larger blooms. Fertilizer should never be allowed to touch the bulbs. The ground should be kept moist (not wet) until the plants come into bloom. Cultivate freely. The blooms can be cut as soon as the first two or three blooms are open. Always leave at least five leaves on the plant to help mature the bulb.

DIGGING AND STORING

Dig the bulb as soon as the leaves begin to turn yellow. This is usually about six weeks or two months after they are through blooming. Cut the tops close to the bulb and burn the tops to destroy any insects that may be on them. Store in shallow trays or boxes in a cool, well ventilated, frost-proof store-room. Remove the old dried corms from the new bulb as soon as they come off easy. This is usually several weeks after they are stored.

TO PROTECT OR SAVE YOUR OWN BULBS

If you have had thrips in your planting, you need not throw your bulbs away. When they are thoroughly dry, place them in paper bags with a sprinkling of naphthalene flakes, at the approximate rate of one ounce to 100 corms; in larger quantities use one pound to 1,000 corms. The paper bags should be closed—this can be done by folding the tops and fasten with ordinary paper clips. The bulbs should then be stored for three weeks at a temperature of 65 to 70 degrees. At the end of the three weeks remove the bulbs from the bags and place in open trays or open bags, and store in a cool, well ventilated room until planting time.

Note—The bulbs we supply have been thoroughly fumigated with Methyl Bromide and are free from insects.

HOW TO CONTROL THRIPS

Control of thrips is now very definitely a matter of record. In fact, one brief sentence tells the story—start the season with clean bulbs, then either plant early or spray regularly, or both.

PLANT EARLY

December and January are the safest months in Southern California; January and February in Central California; and March in most other places. Migratory thrips from neighboring gardens are not likely to reach such early plantings in time to injure the blooms. The damage is not from the first few thrips, but from the thousands of offspring that develop after several weeks of breeding.

START SPRAYING EARLY

Early plantings should give uninjured blooms. Regular spraying, started while the plants are young, makes it almost certain that your blooms will come through in good shape. Spraying is essential for late or for very large plantings. Start when the plants are two or three inches tall, and spray at least twice a week. To avoid spray-burning, never spray until evening during spells of warm weather.

SPRAYS

We recommend Tartar Emetic as one of the most effective sprays. Tartar Emetic can be had through your local druggist. Use $1\frac{1}{2}$ teaspoons of Tartar Emetic and $\frac{1}{2}$ cup Karo Syrup to one gallon of water. Spray twice a week from the time the plants are 4 or 5 inches high until blooming time. Bear in mind that spraying is done to keep down stray thrips in the early stages of growth and it will do no good after your plants become heavily infested. You can always save choice spikes, even if infested, by giving them a daily "massaging" while the spike is in bud. This crushes and kills the thrips that are hidden in the sheaf, and these are the thrips that injure the blooms.

Note—There are several new dusts that can be used instead of sprays. We understand that they are quite effective.

TUBEROUS BEGONIAS

This year we are not able to supply the fine strain as in previous years and, therefore, are offering only one variety—

BRIDAL VEIL—A magnificent clear white hanging basket type.

Large bulbs, each \$3.00.

HOW TO GROW SEEDS

When sown outdoors, most seeds should be scattered over well pulverized ground, then covered lightly with a layer of finely pulverized soil or sand. Large seeds should be covered about twice their thickness. Keep ground moist during germination and while plants are small. Thin if plants are too thick.

If seeds are started in boxes or flats, be sure that the bottom of the flat provides good drainage. The soil should be made up of equal portions of leaf-mold (or peat), sand and good garden loam. This should be screened to remove any hard lumps, stones or other coarse material. Wet the soil, preferably with boiling water, the day before planting. When the soil has dried out sufficiently to permit planting loosen the top slightly and plant seeds, not too close together. Barely cover with light soil, then firm the ground with a smooth board. Cover the top of the flat with a newspaper or cheesecloth. If the ground is moist at time of planting it will not be necessary to water at planting time. Too much water is apt to cause damping off. The soil should be kept "moist," not "wet." When the seeds begin to come up, gradually lift the paper or cheesecloth to permit air and light.

DAMPING OFF will occur only if flats are kept too wet or in a greenhouse without proper ventilation. Watering with a weak solution of clorox, about 5 to 6 per cent, we have found to be the best cure and preventive.

The plants should be transferred to other boxes when they begin to show the second pair of leaves. Prepare the soil as when seeds are just planted, but add a little well decayed manure to stimulate the growth. Transplant to open ground when the young plants are two to four inches high, depending on the natural growth of the various plants.

When seeds are sown directly in the ground in dry climate, it will be necessary to use a very light covering of peat moss or other good mulch to hold the moisture—otherwise the small plants will perish for lack of top moisture.

FLOWER SEEDS

ABBREVIATIONS—A. A. S., All-American Seed Selection; B. M., Bronze Medal; S. M., Silver Medal; H. M., Honorable Mention; A. M. Award of Merit; (α), annual, blooms for one year; (b), biennial, blooms for two years; (p), perennial, blooms the first or second year and continues indefinitely.

AGERATUM (α)

Dwarf all-summer blue annuals producing dense heads of fluffy flowers in different shades of blue. Used for edgings, bedding, rock gardens and pot culture. Grows in sun and half shade. Sow early in flats or in the open ground, thinning to 4 or 6 inches apart.

Blue Ball. Deep blue ball-shaped plants, 6 inches highPkt. 15c

Midget Blue. S. M., A. A. S. 1940. Uniformly dwarf, 2 to 3 inches, covered with small true ageratum blue flowers.....Pkt. 25c

ALYSSUM, Madwort

One of the daintiest flowers for edgings and rock gardens. Sow thickly all the year 'round for good masses of bloom and cut back after each successive flowering.

Carpet of Snow (a). 3 inches tall. This alyssum is true to its name as the flowers produce a solid mass of white. So short it can be planted between stepping stones and also grown in pots and window boxes. Pkt. 15c

Violet Queen (a). New 6-inch plant, compact of growth and full of unfading bright violet flowersPkt. 15c

ALYSSUM (p)

Saxatile Compactum (Gold Dust) (p). The plants are of spreading growth and covered all spring with bright golden flower heads. 8 to 10 inches tall.....Pkt. 10c

ANTIRRHINUM—See Snapdragon.

AQUILEGIA, Columbine (p)

A graceful, hardy perennial that grows well in part shade. Blooms late in the spring and early summer. The long spurred flowers are beautiful for cutting. Seeds started in early summer will bloom the following spring. 2 to 3 feet tall.

Blue Shades. Long spurred. Beautiful clear blue.

Pink Shades. Long spurred. In various shades of delicate pink.

Mixed Hybrids. Orange, pink, rose, white. Pkts. of any of the above, 25c each

ASTERS (α)

This Crego wilt resistant strain is one of the very finest of the new types of asters, blooming from midsummer through the fall. The flowers are large, 3 to 5 inches, shaggy and long-petalled. Plants 2 feet tall and well branched. Start seed February to June and set the plants a foot apart in good, loose soil. Half or full sun.

Crego Giants—

Rose Marie

Dark Blue

Peach Blossom

White

Crimson

Mixed

Any Pkt. 15c

1 Pkt. each of the five colors, 60c

AUBRIETIA

Rainbow Rock Cress (p)

One of the most colorful, low growing border plants. The clear rosy violet and lilac masses of bloom in the early spring are always exciting. Sow in late summer or fall. Full or half sun.

Large Flowering Hybrids.....Pkt. 15c

BABY BLUE EYES

Nemophila Insignis (α)

Baby Blue Eyes ranks with the California poppies as the finest California wild flowers for naturalizing, cover-planting with Dutch bulbs, window boxes and garden. A quick grower and early bloomer. Clear, light blue, cup-shaped flowers with white centers and lacy green foliage.....Pkt. 10c; 3 for 20c

BACHELOR BUTTON

Centaurea, Cornflower (α)

Jubilee Gem. A double dwarf variety for front border planting and for cutting. The 12-inch bushes are covered with deep cornflower blue blossoms. Plant in the fall for early spring flowers and in early spring for summer flowers.....Pkt. 15c

BROOM—cytissus (p)

For Westerners who wish colorful and unusual shrubs, we have secured a limited supply of hybrid broom seeds. Can be grown on the Pacific Coast and elsewhere, where the winters are not too severe. Full color assortment, variegated in brilliant shades of red, pink, gold, apricot, brown, rose and orange. The shrubs grow from four to six feet high and are literally covered with bright small pea-shaped flowers. Valuable shrub for dry banks or large border plantingsPkt. 50c

CALENDULA

Cape or Winter Marigold (α)

Calendulas are the winter standby for flowers in the garden or house. Plant any time in full sun.

Campfire Sensation. Florists' strain. Large, dark orange with scarlet sheen, extra long stemsPkt. 15c

Chrysantha (Sunshine). Clear buttercup yellow, incurved petals, long stems.Pkt. 15c

New Glowing Gold. Clear bright golden yellow. Blooms of good size. Free bloomer. A splendid new calendula.....Pkt. 25c

Orange Fantasy. Florists' strain. Deep orange red, dark center. Long stems.Pkt. 10c

Yellow Colossal. New. Extra large Chrysantha type, 4½ inches across....Pkt. 15c

CALIFORNIA POPPY

Eschscholtzia (α)

The most colorful of all the California wild flowers and especially suitable for wild flower planting and for hillsides. The seed should be scattered broadcast. Grows 8 inches to 10 inches high.

True California Poppy (Copa de Oro). The cups of gold the early gold seekers found on the California hills and plains.Pkt. 10c; 3 for 25c

Dwarf Hybrids Mixed. New colors, soft pink, scarlet, chrome, copper and red.Pkt. 15c; 3 for 40c

CAMPANULA

Cup and Saucer Canterbury Bells (b). Cup shaped with a saucer-shaped calyx. Mixed colors. If sown in late summer will flower in the spring. 2 to 2½ feet.....Pkt. 10c

Annual Canterbury Bells (a). Mixed colors. Sow in February for summer blooms. 2½ feet.....Pkt. 10c

CANDYTUFT

Umbellata Dwarf Hybrids (α)

Low growing plants producing clusters of small fragrant flowers. Desirable for edgings, bedding and cutting. 6 inches high.

LilacPkt. 15c
RosePkt. 15c

CENTAUREA—See Bachelor's Button.

CARNATION p)

Carnations are valued almost as much for their spicy fragrance as for beauty of bloom. Seeds may be started any time and make 18-inch to 24-inch plants.

Chabaud's Giant Double Mixed. Flowers are 2 inches to 2½ inches across and very abundant. The plants bloom almost continuously and begin to flower 5 months from planting. Colors, red, white, yellow and pink. Mixed only.....Pkt. 15c

CINERARIA (α)

One of the few shade loving plants. Flowers salmon, azure blue, deep red, violet blue, 2 to 4 inches across. Plants 15 to 18 inches tall, basal branching, suitable for pot culture and bedding. Start in flats fall or spring. This seed is from a race of giants.

Pkt. 35c; 3 for \$1.00

COLUMBINE—See Aquilegia.

COREOPSIS GRANDIFLORA (p)

Double New Gold. Semi-double, shining-gold flowers with long willowy stems. An excellent cut flower. Plants 2 to 3 feet spreading and full of bloom. Will flower the first spring if planted in early fall. Drought resistant and grows in sun and part shadePkt. 15c

CORNFLOWER—See Bachelor Button.

CYNOGLOSSUM

Chinese Forget-Me-Not (α)

Firmament. A new All-American Selection. A dwarf, bushy plant bearing bright, indigo blue flowers. Summer plantings bloom in late fall and winter; early spring planting in the summer. Often self-sows. 15 inches to 18-inches high.....Pkt. 15c

DAHLIAS

Annual—perennials

Dahlias grown from seed produce full-size bushes and flower freely the first year. These plants make clumps of tubers that can be divided for the following season. See page 28.

DELPHINIUM

Perennial Larkspur (p)

Pacific Strain

Delphinium is the tallest and stateliest of all garden flowers. The Pacific Strain developed by Frank Reinelt produces most perfect, well-balanced spikes, 4 to 8 feet high. The individual florets 2 inches to 3 inches across, almost all double and never coarse. This strain is particularly mildew resistant. For best germination, seeds should be put in the refrigerator for a week and started with a bottom heat and cool overhead temperature. In hot weather the germination and growth are very poor. Plants should be in full sun and in rich, well-drained soil. All our seed comes from the originator of this strain.

Full packets (over 400 seeds)

Half packets (over 200 seeds)

Delphinium seed is not sold in smaller quantities than indicated below.

Hand-Pollinated Seed

Full Pkts., \$2.50

Half Pkts., \$1.25

Blue Jay. Bright, clear, medium blue, with contrasting bee.

Galahad. Pure glistening white of heavy satiny texture. The florets are full and 3 inches across.

Guinevere. Light lavender pink, white bee.

King Arthur. Brilliant royal violet.

Balanced Mixture. Of shades above.

GILIA FAIRY STARS

Jewel Flower (α)

A California wild flower admirably adapted to borders and rock gardens. Tiny star-like flowers so abundant they make a solid mass of bright autumn colors. Sow broadcast September to June. 5 inches. **Pkt. 10c; 3 for 20c**



PACIFIC STRAIN DELPHINIUM

GODETIA, Satin Flower

Farewell-to-Spring (α)

Kelvedon Glory. A dwarfed hybrid from the long-legged wild godetia. The plants are bushy, 12 inches to 18 inches high and covered with salmon-orange flowers of poppy shape. Blooms more freely in thin soil and bright sunshine. A fine cut flower. Grows best in cool climates. Start in flats late fall or early spring. In mild climate plant out of doors in late fall or early springPkt. 15c

HELIANTHEMUM, Sun Rose (p)

A most delightful dwarf evergreen perennial. Spreading, dense matty growth can always stand pruning. Covered with brightly colored flowers resembling miniature single roses. Yellow, bronze, red, pink, rose, apricot, orange and similar shades. Has attracted constant attention in our garden. Fine for steep terraces, dry rock walls or any reasonably sunny place in the garden. Many of these seeds come from Sydney B. Mitchell's new seedlings. Grows 3 inches to 5 inches high. Best started in flats in late fall or early spring.....Pkt. 25c

ICELAND POPPIES

Papaver Nudicaule (α)

Often grown as a biennial. Compact plants with fern-like foliage, graceful wiry stems, flowers often 4 inches across. Blooms freely in early summer and more or less all year. Better where it gets frozen in all winter. Disappointing in rock gardens. Sow the seed where it is to bloom. August to November; January to March. If started in flats, transplant when very small. 15 to 36 inches.

Gartford Giants Mixed. A new strain. The flowers are the largest and the stems the longestPkt. 25c

LINARIA, Wild Snapdragon

Toad Flax (α)

Fairy Bouquet. Tiny snapdragons in bright pastel colors. Planted close and half-starved they make a solid mass of color. An excellent filler-in for new iris plantings. Sow in the open ground in the fall and again in the spring. 8 inches to 10 inches.....Pkt. 10c; 3 for 20c

LOBELIA (α)

One of the most satisfactory of all annual border and window-box plants. Start in flats fall or early spring, transplant outdoors 6 inches apart. 4 to 6 inches.

Cambridge Blue. New light blue, large flowered.

Crystal Palace. True dark blue, dark foliage.

Emperor William. Gentian blue, green foliage.....Pkts. 15c each; 3 for 35c

LARKSPUR, Annual Delphinium (α)

Giant Imperial Strain. This strain is tall, basal branching and upright, needing only half the space of the older types. Long spikes of double flowers. The seed should be chilled before sowing in either fall or spring, as it is slow to germinate. 4 to 5 feet. Plants should be dusted with sulphur when 10 inches high and again when 3 feet high.

Blue Spire. Dark blue.....Pkt. 15c

Carmine KingPkt. 15c

Lilac Queen.....Pkt. 15c

Pink Perfection. 1939-1940. Lively luscious light pink, long spikes of closely placed 2-inch florets. Early blooming...Pkt. 25c

Rosalind. 1939-1940. A new color, rose suffused salmon. Center spike 4 to 5 feet long, six to eight side branches 3 to 4 feet long.

Pkt. 25c

White King. Pure white. S. M., A. A. S., 1937.

Fine habitPkt. 15c

Exquisite Mixed. Blush pink, blue, carmine, light rose pink, lilac, salmon, white and other colors.....Pkt. 15c; ¼ oz. 35c

Group Collection. One packet each, all six varieties listed above (omitting the mixture and Rose Pink below).....85c

Super-Majestic Rose Pink. 1940. A planting of this new larkspur at the seed farm was simply stunning, a solid mass of plants 6 feet high, covered with large clear rose-pink blooms. The plants are compact and base branching.....Pkt. 25c

MORNING GLORY, Ipomea (α)

Soak the seeds over night and plant in open ground after the weather is warm. Keep the plants rather dry to induce early and abundant flowering.

Heavenly Blue. Clarke's Strain. One of the finest blue flowers.....Pkt. 15c

Pearly Gates. New. 1941. Great pearly white flowers, 25 per cent larger than Heavenly BluePkt. 25c

NASTURTIUM

Double Gleam Hybrids

Plants are semi-dwarf, throwing short runners. Stems are long and bear the flowers well above the foliage, forming a solid mass of color. Noted for sweet scent, rich and brilliant colors.

Mixed Gleam Hybrids....Pkt. 10c; oz. 25c

PENTSTEMON, Beard Tongue (p)

A fast-growing plant with large tubular flowers like foxglove. Colors range from light pink and rose to mauve and violet, the lighter colors predominating. Bloom from May to fall and can be cut back for next year's flowering. 2 feet high. Grow in sun or part shade and grow best in light mellow soil. Best started in flats in spring or fall.

Gloxinia Flowered Hybrids. A new giant flowered strain.....Pkt. 25c

MARIGOLDS (α)

Sow in early spring, either in flats or outdoors. Will thrive even in the driest and sunniest locations and the long lasting blooms continue to appear for months. Don't overfeed or overwater them.

GIGANTEA. 3½ to 6 feet. The largest marigolds yet developed, 5 inches in diameter. Have a definite sweet scent. Full centered flowers of fairly loose formation, with broad heavy petals gracefully overlapping. A small per cent come single.

Gigantea Orange. Rich orange....Pkt. 20c
Sunset Giants. Deep orange to primrose.

Pkt. 15c

Pot o' Gold. 1940. Dwarf gigantea, bright deep golden orange in color. 12 to 15 inches. Very early flowering, from 7 to 8 weeks. Come 100 per cent double. Flowers 4 to 4½ inches across, with 10- to 12-inch stems. Besides being a fine cut flower it is an excellent bedding plant.....Pkt. 25c

CARNATION FLOWERED. The well-known, extremely popular, loosely ruffled, broad petaled flower form, on 2- to 2½-foot branching plants nearly 100 per cent double.

Improved Guinea Gold. Reselected strain. Orange, loosely ruffled.....Pkt. 15c

Yellow Supreme. Creamy lemon yellow. Fine cut flower. G. M., A. A. S. '35.

Pkt. 15c

DWARF FRENCH DOUBLE. The dwarf French marigolds are symmetrical plants of dwarf, compact habit with a wide range of colors. They have a long blooming season, and are splendid for borders and edgings.

Scarlet Glow. All-America Award for 1941. The largest and brightest red dwarf French marigold. Flowers are bronzy red, some shaded russet and gold. Compact plants. 10 inches.....Pkt. 25c

Yellow Pigmy. Light lemon yellow, dwarf and compact tiny flowers. Lilliput type of bloom, 1 inch in diameter. Free flowering. 8 inches.....Pkt. 15c

Harmony Hybrid Mixture. Dwarf and double. Flowering two and a half months after seed sowing. No strong marigold odor. Color range, orange, golden yellow and maroon, solid colors, and blotched and striped combinations. All the crested centers with broad guard petals...Pkt. 15c

PHLOX, Drummondii (α)

Gigantea

One of the easiest grown and most satisfactory of all summer annuals. Fine for bedding, borders and cutting. Start in flats September to May; transplant to a sunny location, 6 inches apart, for best color effect. 8 to 15 inches high.

Salmon Glory. New. Pure salmon with creameye. Florets 1¼ to 1½ inches across. A well deserved A. A. S. 1939 winner.

Pkt. 25c

Grandiflora Choicest Mixed.

Pkt. each 15c



GIGANTEA MARIGOLD

PANSY, Heartsease (α)

The best known and most popular of all the garden flowers. Pansies bloom more freely in the sun but bloom longer in half shade and have longer stems. The soil should be loose, rich and well drained. Frequent feeding induces giant blooms. The old flowers should be cut off. Start the seeds in flats, fall or spring.

Pansy "Best-by-Test" Strain. Several years ago we carried on a very thorough test of pansy seed which we acquired from various pansy growers and selected for listing a strain that seemed to us to be the best. Each year since we have continued these tests. In addition to this we visited many seed farms where we saw various strains growing. As a result we again offer our first choice as our "Best-by-Test" pansy strain. The blooms are very large and of fine substance, and are produced in great abundance on plants that make very uniform growth. The colors are especially clear and rich and there is a well-balanced color range.

Pkt. 40c; 3 Pkts. \$1.00; 1/16 oz. \$2.00

PINKS, Dianthus (α)

Heddewigi Laciniatus

Colorful and of easiest culture in ordinary garden loam. Biennial in mild climates. The best color effects are from the single clear salmons and reds. Neat and compact in habit, producing hundreds of flowers. Excellent for edgings and the popular flower arrangements. Start in flats, September to May. 6 to 8 inches.

Salmon Queen. Single. A beautiful clear salmonPkt. 15c

Splendens (Giant Bright Eye). Single. The sweet-scented flowers are about 2 inches in diameter, brilliant crimson with a large white eye. Lacinated. S. M., A. A. S., 1935.

Pkt. 15c

Nobilis Giants Mixed.....Pkt. 15c

PETUNIAS (α)

In dry seasons or wet, petunias are the most colorful, long flowering and adaptable of all the annuals, blooming from late spring until frost. Interesting for flower arrangements. The dwarf ruffled giants are also excellent in pots and in window boxes and borders. The large flowered singles for color spots in the garden and the balcony type for trailing over window boxes. The small, plain edged varieties are best for big color masses.

Petunias should be planted in the sun, in good soil and not watered too freely. The seed, which is very tiny, should be mixed with fine sand and scattered thinly in boxes of finely screened loam, then pressed down lightly with smooth board.

Large Flowered Singles

Dwarf Giants of California. New mammoth mixture. No one thing at the California seed farms gave us as big a thrill as a view of a block of these magnificent mammoth ruffled petunias in full bloom. Plants literally covered with blooms of immense size—beautifully ruffled—and in most pleasing shades of light pink, coppery pink, variegated pink, and soft rose pink. Wide open throats. No heavy magenta colors. Compact and early. . . **Pkt. 50c**

BALCONY TYPE

Free of bloom, even of growth

Blue Wonder. Dark violet blue. . . . **Pkt. 25c**

Flaming Velvet. (G. M., A. A. S.)

Deep mahogany red. **Pkt. 25c**

White **Pkt. 25c**

Balcony Type Mixed. Velvety red, blue, rose, white and other colors.

Pkt. 15c; 1/32 oz. 50c

Dwarf Bedding Type

Celestial Rose (Improved Rose of Heaven). Rose pink, cream throat.

Pkt. 15c; 1/32 oz. 50c

Silver Blue (Heavenly Blue). Clear light blue **Pkt. 15c**

POPPY

See California Poppy, Iceland Poppy, or Shirley Poppy.

RANUNCULUS

Persian Buttercup (p)

Tecolote Giants. A bright, showy flower, usually grown from tubers, but actually more satisfactory from seed, as the latter are disease resistant. One packet does the work of dozens of bulbs. Yellow, red, scarlet, orange, white and other rich autumn colors, 2 to 2½ inches and very double. If started in flats in August to December will bloom the following spring. Likes well-drained, moist soil and a shady location. 12 to 15 inches tall. **Pkt. 50c**

SALPIGLOSSIS, Velvet Flower (α)

New base-branching mixture. One of the easiest of annuals to grow, and a most aristocratic and colorful plant. Trumpet-like flowers which bloom profusely and are excellent for cutting. In crimson, gold, black, violet, brown, blue and other shades. February to May. 2½ feet. **Pkt. 15c**

SCABIOSA, Pincushion Flower (α)

One of the best standbys for cutting and garden color. Blooms freely from July till frost. Sow in fall for early blooms and February to May for later flowers. Plants 3 feet.

Blue Moon. Deep rich lavender blue that is pink under electric light. Large flowers, ball-shaped with long strong stems. Very free flowering. H. M., A. A. S., 1939.

Pkt. 25c

Loveliness. Salmon-rose **Pkt. 15c**

Giant Double Hybrids Mixed. **Pkt. 10c**

PERENNIAL SCABIOSA

Scabiosa Caucasica. Giant hybrids. (Isaac House Strain) fringed and ruffled. Shades of blue from lavender to dark blue, very large flowers. **Pkt. 25c**

SCHIZANTHUS

Poor Man's Orchid (α)

A half hardy annual with fern-like foliage and a myriad of little butterfly flowers. Largely grown in pots, but they make light and graceful additions to the garden; outdoors they are more compact in growth. They are long-lasting and make attractive corsages. Start in flats July to September—February to July. In mild climate sow out of doors in fall or early spring. 1 to 1½ feet.

Giant Flowered Hybrids. An extra select large flowering compact strain containing a perfect blend of many colors. . . **Pkt. 25c**

SHIRLEY POPPY (α)

Sow in October to May where they are to flower. Thin to 6 inches apart. 2½ feet tall.

Double Mixed. Reselected strain which produces practically all double begonia blooms with full range of colors found in all the best blends of Shirley Poppy.

Pkt. 10c; 3 for 25c

THALICTRUM, Meadowrue (p)

Dipterocarpum. Dainty rose purple flowers produced on lacy fern-like sprays. Especially useful in informal gardens and fine as a filler in cut flower arrangements. 4½ to 6 feet. May to October. Blooms from July to September. Best in partial shade and moist ground. Plant out of doors or in flats. **Pkt. 25c**

SNAPDRAGON, *Antirrhinum* (p)

One of the best cut flowers. Grows best in rather light soil in a sunny location, and though perennials they are best treated as annuals. For early flowering, sow in the fall in flats and protect from frost. 2 to 3 feet.

Maximum Grandiflorum

Rust-Resistant

Alaska. Pure white.

Ceylon Court. Yellow.

Campfire. Luminous scarlet.

Copper King. Copper red.

Loveliness. Soft rose pink.

Pink Glory. New. Large flowered and heavy spiked. Fine deep salmon rose.

Rosalie. 1940. A new color in snapdragons, a deep rich rose with an underlying tone of topaz. Base branching, 6 to 8 long flower spikes.

Pkt. each 15c

Group collection, one packet each (7) except mixed85c

California Giants Exquisite Mixed.

Pkt. 15c; 1/16 oz. 35c

STOCKS, *Gilliflower* (α)

A new strain of this old favorite with extra long spikes and immense florets. Start seeds from July to April, the early plantings will bloom in the winter. Space them 6 to 8 inches apart and they will not need staking. 24 to 28 inches high.

Giants of California

Golden Gate. Yellow.

Monterey. Light pink.

Pacific. Dark blue.

Red Woods. Blood red.

Santa Barbara. Chamois.

Santa Maria. White.

Sequoia. Rose Carmine.

Tahoe. Light lavender.

Yosemite. Rose.

Giant Imperial Mixture.

Pkt., each 15c

Group Collection. One packet of each (9), (except mixed)\$1.00

VISCARIA, *Rose of Heaven* (α)

A single pink-like flower, free blooming, making bright clumps in the border. Sow in well-drained, loose soil and a sunny or half-shady exposure. Fine for edgings, pot culture and cutting. March to May for summer flowering; September to October for early spring flowering. 1 foot tall.

Brilliant Mixed. Pink, rose, red, blue, and whitePkt. 15c

SWEET PEAS (α)

Sweet peas do best where the nights are cool and days moderately warm. Plant in open, sunny location, in deep rich soil, which must be well drained. Cover with 1 inch of fine soil. Do not water till all the seeds are up 1½ inch out of the ground, then water freely twice a week. If not sown in the fall, sow as early as the ground can be prepared in the spring. The varieties listed have the largest and best formed flowers, the longest and strongest stems and the most desirable blooming and growing habits.

Giant Spencer (Waved and Frilled)

Ambition. Lavender lilac.

Amethyst. Clear amethyst blue.

Brilliant Rose. Tyrian rose suffused bronze.

Melody. Golden salmon and pink on cream ground.

Pinnacle. Deep rose-pink.

Red Boy. Bright deep crimson.

Ruffled White. Pure white, ruffled and duplexed.

Smiles. Salmon to shrimp pink.

Pkt., each 15c

Sweet Pea Collection. One packet each of the eight colors.....85c

Giant Ruffled Mixture. Flowers large and so much ruffled that they appear double. Includes many named varieties as well as many other colors of which there is not, as yet, sufficient stock to offer separatelyPkt. 25c

VIOLA (α)

Like small pansies but blooming more freely and for a longer time. Do best in full sun. Start seed from August to March. 4 to 6 inches.

Brilliant Mixture. A new strain that is much brighter, gayer, larger, and generally improved. Far ahead of any other viola strain that we have seen.....Pkt. 15c

VIRGINIAN STOCK

French Forget-Me-Nots (α)

A hardy annual that can be sown in the open ground at frequent intervals through spring, summer and autumn. In California autumn sowings do best. Blooms in 60 to 90 days. Dwarf compact little plants. Fine for edgings and ground cover. 6 inches.

Finest Mixture. Small red, rose and white flowers about ¾ inch across.

Pkt. 10c; 3 Pkts. 20c; 1 oz. 35c

ZINNIAS (α)

March to July. Zinnias are hot weather flowers, bright and colorful in the garden and without peer in cut-flower arrangements. March is early enough to start seeds in boxes. When the ground gets warm the seeds may be sown where plants are to flower. Dig a trench alongside the row of plants and let the water run slowly for several hours, watering only once a week or every two weeks. Cultivate after each irrigation to conserve moisture. Blooms from early summer till hard frost. 2 to 3 feet.

Lilliput or Pompon Type

Blooms the size of, and resembling pompon dahlias. Small, round, compact flowers on strong stems. All shades of pink, rose, yellow, lilac, buff, crimson.

Lilliput Full Color Mixture

Pkt. 15c; ¼ oz. 35c

Tall Large Flowering Varieties

Super Crown O'Gold. Pastel tints. The very finest large flowered zinnia introduced since the original dahlia flowered zinnia.

Pkt. 25c; ⅛ oz. 75c

Dahlia Flowered

Huge fully double flowers, resembling decorative dahlias.

Canary Bird. Canary yellow.

Cherry Queen. Very large cherry red.

Crimson Monarch. Deep crimson.

Dream. Lavender.

Exquisite. Light rose.

Golden Dawn. Golden yellow.

Illumination. Deep rose.

Orange King. Large orange scarlet.

Oriole. Orange, gold bi-color.

Polar Bear. White.

Scarlet Flame. Bright scarlet.

All 15c Per Pkt.

Group Collection. All 11 varieties. . . . \$1.00

Gold Medal Mixture. . . . Pkt. 25c; ⅛ oz. 75c



DAHLIA SEED

(See Next Page)

DAHLIA SEED

Annual-Perennials

It costs no more to grow plants from the best seed than the poorest. We have grown dahlia seed for over twenty years and it has been our ambition to offer our customers the very best seed that can be produced.

Each year we test the seed from new named varieties and also seedlings of our own. Those that prove to be good seed parents and produce good offspring are planted in our home garden where all of our seed is produced.

Many dahlias that are now in commerce have been produced by our customers from seed purchased from us.

A packet of our Selected Dahlia seed costs \$2.50 and will produce from 60 to 75 plants that will grow into full size bushes and give abundance of blooms the first year. No two of these will be alike and there is always the chance of producing a new variety that is outstanding enough to be named, registered and sold commercially. Each plant will produce a clump of tubers that can be divided and planted the following season.

Dahlia seed of all types is best started in flats. February is good planting time in California, March or April where frosts last longer. Some of the seeds will sprout in a week or ten days, others take five or six weeks. Six weeks will be required to grow the plants big enough to set out—after all danger from frost is over.

Dahlia seed is not sold in smaller quantities than indicated.

MINIATURE DAHLIA SEED

Miniature dahlias are from 2½ to 3½ inches in diameter and are cactus, semi-cactus and decorative in form. They are very popular as cut flowers for home and for florists. We have a very fine strain of seeds.

100 seeds.....Pkt. 50c

Available in December.

POMPON DAHLIA SEED

Pompon dahlias are the small "button" dahlias. While the seeds of these do not give 100% pompons, they give a large percentage of attractive "button" dahlias. Besides pompons, these seeds usually produce a number of duplex dahlias (small flowers with two or three rows of petals), and some attractive miniature dahlias.

50 seeds.....Pkt. 50c

Available in December

SELECTED DAHLIA SEED

Large Flowering

Gathered from the finest varieties and the best known seed parents.

50 Seeds.....Pkt. \$1.50

100 seeds.....Pkt. \$2.50



FROM SPECIAL XXXX DAHLIA SEED

DWARF BEDDING TYPE

SALBACH RE-SELECTIONS. One of the most outstanding of all recent seed offerings, being ideal for bedding, fine for cutting, and having a long blooming period. Single and semi-double flowers on plants 12 to 20 inches high. Especially desirable for massing. Can be planted a foot apart. Seed germinates easily. Plants bloom the first year from seed, and produce tubers that can be planted the next season. 100 (or more) seeds to packet.

Special XXXX Mixture. Selected from the finest and most floriferous plants.

100 seeds.....Pkt. 50c

GROW YOUR OWN VEGETABLES

Small Plantings, Made Frequently, Will Keep Your Table Supplied With Fresh Vegetables Throughout the Season

BEANS

String Beans

Make several plantings about 30 days apart

Kentucky Wonder. 65 days. One of the best all around pole beans. Vigorous grower and very prolific. Long green pods, tender and of good flavor.

Sure Crop Wax. (Bush type). 53 days. Fine home garden variety. Thick, flat, golden yellow pods. Stringless and brittle. Fine flavor. Very hardy.

Stringless Green Pod (Bush type). 50 days. Large round pods, freely produced on sturdy plants. Stringless, brittle and of fine flavor.

All beans, pkt. 10c; ½ lb. 30c

Lima Beans

Plant as soon as frost is over

Burpee's Improved (Bush type). 76 to 80 days. From 4 to 6 large beans to each pod. Good grower. Very productive.

King of the Garden (Pole type). 87 to 93 days. Large beans, 5 to 6 to each pod, excellent quality. Vigorous grower, prolific bearer.

All beans, pkt. 10c; ½ lb. 30c

BEETS

Beets are best when young. Make frequent plantings.

Crosby's Egyptian. 50 days. Early, tender and sweet. Flattened globe shape. Deep red flesh with some light zoning. Medium high tops.

Detroit Dark Red. 55 days. Very dark red. Globe shaped. Tender, excellent flavor. Short tops.

All beets, pkt. 10c; 1 oz. 35c

BROCCOLI

Italian Green Sprouting. 75 days. Introduction from Italy. Has delicious mild flavor. Edible portion consists of stems as well as flowerheads. Plant between July and October Pkt. 10c

CABBAGE

Make small plantings often

Copenhagen Market. 68 days. Very early, producing solid round heads weighing 5 to 8 lbs.

Early Jersey's Wakefield. 62 days. Conical shaped heads of good size. Fine for home garden.

Glory of Enkhousen. 76 days from setting of plants. Heads large and firm, sweet and tender. Globular 8 to 9 inches diameter. Weight 6 to 8 lbs.

All cabbage, pkt. 10c; oz. 60c

CANTALOUPE

Hales Best No. 36. Medium size, heavy netting, small cavity, thick flesh, deep salmon, fine flavor..... Pkt. 10c

CARROTS

Plant every six weeks during growing season.

Chantenay (Red Cored). 70 days. Excellent half long, stump rooted variety, 5 to 6 inches long. Heavy producers.

Danvers Half Long. 75 days. Rich orange red, 8 inches long, very sweet productive.

Nantes Half Long (Improved). 68 days. Bright orange, 6 to 8 inches long, small core, exceptionally tender and sweet.

All carrots, pkt. 10c; ½ oz. 35c

CELERY

UTAH. 125 days. Tall compact plants producing broad thick and stringless stalks. Very crisp and of excellent flavor. May be blanched readily. Empty milk cartons useful for this purpose. Preferred by many in natural state..... Pkt. 10c

SWISS CHARD

Improved Silver Chard. 60 days. Large dark green leaves, thick, broad, white stems. Excellent flavor. Very easily grown.

Pkt. 10c; oz. 30c

SWEET CORN

It is desirable to make several successive plantings. For best result plant in squares, the rows being 3½ to 4½ feet apart. Plantings of single rows should be hand pollinated.

Golden Cross Bantam. 88 days. The most popular yellow sweet corn. Ears 8 to 10 inches long. Tender and sweet.

Pkt. 10c; 3 for 25c; 1 lb. 65c

AUNT MARY'S SWEET CORN

"The sweetest corn that ever grew." That's what many of our customers say. New white sweet corn—95 days.

Pkt. 25c; 3 for 65c; 7 for \$1.25

A number of years ago our good friend Lee Bonnewitz of Van Wert, Ohio, sent us some seed of Aunt Mary's Sweet Corn for trial. We were so impressed with the fine quality of this new sweet corn that we arranged to list it in our catalog.

Aunt Mary's Sweet Corn was grown by the Bonnewitz family for many years and has only recently been offered to the public. It is supposed to have been originally obtained from the Indians.

After growing our own seed for several years, we decided to improve the strain. The stock we grow for seed is all from selected ears. As a result we offer the **finest seed** of Aunt Mary's Sweet Corn that can be had.

Aunt Mary's Sweet Corn is a vigorous grower and a generous producer of good big ears and is long lasting, even ears on which the husks are beginning to dry can still be used for the table.

We have never eaten a sweet corn with the same nutty sweet flavor.

Each year we receive many letters from customers in different parts of the United States telling us of the fine qualities of this new sweet corn.

Here are a few:

Sioux City, Iowa.

"Enclosed please find check for \$2.00 for some of your Aunt Mary's Sweet Corn. I've lived in Iowa for 75 years and can truthfully say that Aunt Mary's Sweet Corn is the very best I have ever eaten."

Webster Grove, Missouri.

"The sweet corn (Aunt Mary's) is the finest and best I have ever eaten, and if the squirrels could write I am sure they would give you one of the finest testimonials you have ever received on same."

Berkeley, Calif.

"Please send to my friend in Boulder City, Nevada, one packet of Aunt Mary's Sweet Corn. I had wonderful success with same here in Berkeley last year. The most delicious corn we ever tasted."

Berkeley, California, is located near the coast where the summers are cool, and yet Aunt Mary's Sweet Corn grows well here as it does in practically every other section of the United States.

CUCUMBERS

Plant soon as frost is over. Make second planting in 30 days.

Boston Pickling. 60 days. Early variety suitable for table or for pickling. About 6 inches long, weigh from 1 to 1½ lbs.

Colorado. 60 days. Early dark green. Fruits from 9 to 12 inches long, tender and crisp. The few seeds form late in the season. Heavy yielder.

Early White Spine. 60 days. Especially good for home garden. About 7 inches long. Light green ribbed white. Firm and crisp. Heavy cropper.

Lemon (True). 65 days. Size and color of a big lemon. Very tender, mild and sweet in flavor.

Longfellow. 70-75 days. A long slender dark green variety of finest table quality. Good healthy grower. 12 to 14 inches.

All cucumbers, pkt. 10c

EGG PLANT

Improved New York Spineless. 85 to 90 days. The most popular for home gardens. Large fruit, solid and of good flavor. Rich deep purple color.....**Pkt. 10c**

LETTUCE

Make 30-day plantings throughout the season.

Los Angeles Market. Also listed as New York No. 12. 80 days. Improved type, early and sure heading, large heads. Excellent quality.

Big Boston. Recommended for home garden. Sure heading variety. Smooth leaves sometimes tinged brown. Tender and crisp.

Grand Rapids. 45 days. Loose leaf variety. Leaves light green somewhat curled. Very tender.

All lettuce, pkt. 10c

ONIONS

Plant seed as soon as frost is over.

Southport Red Globe. 110 days. This is the standard red variety. Large, rather flat, but thick. Flesh firm and mild, heavy yielder.

Southport White Globe. 110 days. Large globe shaped white, fine flavor and good keeper. Very popular.

Yellow Globe Danvers. A medium large early onion with straw yellow skin and white flesh. Sure cropper and good keeper.

All onions, pkt. 10c; ½ oz. 50c

PARSLEY

Plain Leaf. 75 to 85 days. Plants spreading, dense, long stemmed, medium to dark green foliage, with fern like leaves, but not curled. Used for flavoring....**Pkt. 10c**

PEAS

Alderman Telephone. Dark podded. 75 days. Tall growing, late variety, should be staked. Large, deep green, well filled pods. Fine flavor. For late crop plant in May or June. Prolific and very sweet.

American Wonder. 61 days. One of the standard varieties for home gardens. Very productive. Well filled pods. Early. Bush.

Laxton's Progress. 62 days. The best of all the early, large podded varieties. Good grower and heavy yielder. Fine quality. Long, well filled pods. Plant early. Bush.

Little Marvel. 63 days. Pods 3 inches long, dark green, well filled. 7 to 8 peas in pod. Exceptional quality and flavor. Plant early Bush.

All peas, pkt. 10c; ½ lb. 35c

BELL PEPPER

California. 72 to 76 days. Large green fruit changing to scarlet. Mild and sweet, thick flesh. Excellent for home garden...**Pkt. 10c**

PUMPKIN

Plant soon as frost is over

New England Pie. 110 days. Round bright orange pumpkin. 8 to 10 inches in diameter. Finest quality for pies. Easily grown.
Pkt. 10c

RADISH

Plant every 30 days during the season

Early Scarlet. 25 days. Round. Remains firm and crisp for a long time.

Early Scarlet White Tipped. 26 days. Ball shaped, crisp, tender and sweet. Remains firm for a long time.

French Breakfast. 27 days. Splendid variety for home use. Oblong, bright scarlet, tipped white. Crisp and tender.

All radishes, pkt. 10c

SPINACH

Giant Nobel. 45 days. The seed of this thick-leaved variety produces the largest spinach under cultivation. It grows rapidly and remains in good condition a long time. The medium green leaves are large, rounded, slightly crumpled, succulent and tender. It is an excellent home garden spinach**Pkt. 10c**

SQUASH

Plant in early spring

Banana. 105 days. Slate gray color. 20 to 24 inches long. 6 inches in diameter. Flesh light orange, of fine flavor. Excellent for baking.

White Bush Scallop. 50 days. Very popular variety, bearing profusely, small greenish white squashes, with scallop edges. Fine flavor.

Giant Straightneck. 55 days. Thick necked, meatier than the old Crookneck varieties. Fresh lemon yellow. Very fine flavor.

Hubbard. 110 days. The best winter variety. Weighs from 12 to 15 pounds. Dark green on outside with orange colored flesh. Delicious as sweet potatoes when baked.

Zucchini. 65 days. The popular Italian variety. Dark green, from 6 to 8 inches long. Prolific and of fine quality. A favorite for home gardens.

All squash, pkt. 10c

TURNIPS

Make several plantings six weeks apart

Purple Top White Globe. 57 days. Pure white, with purple top. Globe shaped, sweet and tender. Easily grown. Have a very nut like flavor, when sliced and lightly browned in butter or bacon fat.

Pkt. 10c

TOMATOES

Plant soon as frost is over

Earliana. 94 days. Hardy and very productive, maturing the entire crop early. Fruit smooth and somewhat globe shaped.

Pkt. 10c; oz. 40c

Marglobe. 114 days. Vigorous growing and disease resistant. Fruit firm and meaty.

Pkt. 10c; oz. 50c

Pritchard. A wonderful variety for the home garden. Wilt resistant and self pruning, the vines begin to bear in 110 days and are amazingly productive. The round, solid, meaty tomatoes have a rich, satisfying flavor that is unexcelled.

Pkt. 10c; oz. 60c

WATERMELONS

Plant soon as frost is over

Kleckley's Sweet. 80 to 85 days. Large size, dark green, long. Bright red flesh, firm and sweet.

Striped Klondyke. 80 to 85 days. Best long dark striped grown in California. Small seeds, flesh deep red, very sweet. 20 to 25 lbs. Wilt resistant.

All watermelon, pkt. 10c

The gardens are open to visitors on weekdays from 8:00 a.m. to 5:00 p.m.; Sundays, 9:00 a.m. to 1:00 p.m.

Our Daffodils, Dutch Iris, Hyacinths, Tulips, and Flowering Cherry Trees will be in bloom late March and early April.

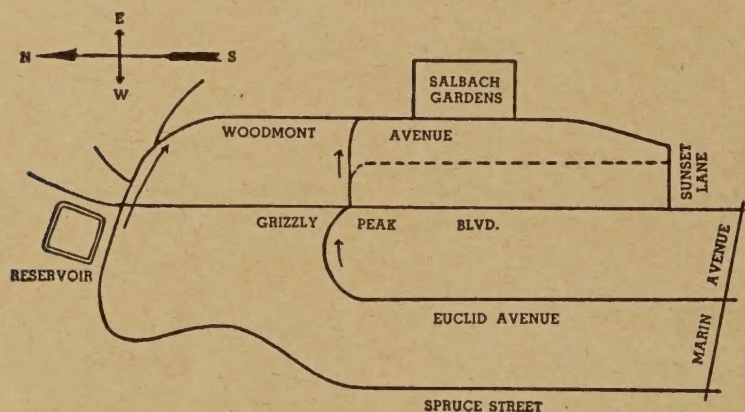
Bearded Iris, late April and May.

Gladiolus, July and August.

Most of our standard varieties are planted at our growing fields.

Map below indicates the best routes to our gardens which are located in the hills, north of Berkeley proper. Drive out Spruce Street to reservoir and follow our sign, or take Beloit bus at University and Shattuck Avenue and get off at reservoir, turn south on Woodmont Avenue, passing the large glass houses on the left. The Salbach Gardens are approximately three blocks from the reservoir.

Or between 6 and 9:30 a.m. and 3:30 and 6 p.m. on weekdays and from 10:30 a.m. to 6 p.m. on Sundays and holidays take No. 7 car, marked "Cragmont," transfer to bus and get off at Sunset Lane, turn left on Sunset Lane, walk two blocks to Woodmont, follow Woodmont one hundred yards to gardens.



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